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| Substitute for form 1449B/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 10, 2005 (use as many sheets as necessary) | | Application Number | 10/717,709 |
| | | Filing Date | 11/21/2003 |
| | | First Named Inventor | Ryota SHIRATO |
| | | Group Art Unit | 3611 |
| | | Examiner Name | Daniel S. Yeagley |
| Sheet | 1 | of | 1 |
| | | Attorney Docket Number | 023971-0343 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| <i>Dy</i> | A1 | 6,209,677 | B1 | BOHNER ET AL. | 04-03-2001 | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|-----------------------|-------------------------|---------------------|-----------------------------------|--|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| <i>Dy</i> | A2 | DE | 198 41 101 | C2 | DAIMLER CHRYSLER AG | 03-23-2000 | | Abstr. |
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| NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Signature | <i>Daniel Yeagley</i> | Date Considered | 9-8-05 |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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| Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted NOV 21 2003 (use as many sheets as necessary) | | | | Complete if Known | | |
| | | | | Application Number | Unassigned 10/717709 | |
| Filing Date | | NOV 21 2003 | | | | |
| First Named Inventor | | Ryota SHIRATO | | | | |
| Group Art Unit | | Unassigned | | | | |
| Examiner Name | | Unassigned | | | | |
| Attorney Docket Number | | 023971-0343 | | | | |
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|-----------------------|--------------------------|----------------------|---|--|--|--|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|--------------------------|-------------------------|---------------------|--------------------------------------|---|--|--|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| PSJ | A1 | JP | 2002-37112 | A | KOYO SEIKO CO., LTD. | 02-06-2002 | | Abs. |
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|---------------------------------|--------------------------|--|----------------|
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| Examiner Signature | David Kumpf | Date Considered | 9-8-05 |
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